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WHAT IS CLAIMED:

1. A roll stand for rolling bar-shaped or tubular stock, having a stand housing, having at least one roll (1) which is arranged on a roll shaft (4) rotatably mounted in the stand housing and is connected in a rotationally fixed manner to the roll shaft (4) via a frictional connection, wherein the roll (1) is held in its axial position on the roll shaft (4) in a positive-locking manner by sleeve elements adjoining the roll (1) axially with respect to the roll shaft (4).

2. The roll stand as claimed in claim 1, wherein the roll (1) is connected to the roll shaft (4) via an interference fit (3), in particular via an interference fit having a taper seat.

3. The roll stand as claimed in claim 2, which comprises a fluid medium supply which has an outlet (5) in the region of the interference fit (3) in order to introduce a fluid between roll (1) and roll shaft (4).

4. The roll stand as claimed in one of claims 1 to 3, wherein at least one of the sleeve elements is connected to the roll shaft (4) via an interference fit, in particular an interference fit having a taper seat.

5. The roll stand as claimed in claim 4, wherein the push-on path of the interference fit of the sleeve element is smaller than the push-on path of the interference fit (3) of the roll (1).

6. The roll stand as claimed in one of claims 1 to 5, which comprises a tie rod (10) which is guided axially through the roll shaft (4) and which has, at its one end, an abutment transmitting axial forces at least in one axial direction of

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the roll shaft (4) from the tie rod (10) to one of the sleeve elements and, at its other end, an abutment transmitting axial forces at least in the opposite axial direction of the roll shaft (4) from the tie rod (10) to the roll shaft (4).

7. The roll stand as claimed in claim 6, which comprises an external thread (11) formed on the end of the tie rod and a nut (13) bearing against the end of the roll shaft (4).

8. The roll stand as claimed in either of claims 6 or 7, which comprises a cap (15) which encloses the end of the roll shaft (4), axially adjoins one of the sleeve elements and has a central recess in which the tie rod (10) engages.

9. The roll stand as claimed in claim 8, wherein the recess has an internal thread and the tie rod (10) has an external thread (12) at the end assigned to the cap (15).

10. The roll stand for rolling bar-shaped or tubular stock, in particular as claimed in one of claims 1 to 9, having a stand housing (100), having at least one roll (1) which is arranged on a roll shaft (4) rotatably mounted in the stand housing and arranged in a recess of the housing, and having a retaining means releasably fixing the roll shaft (4) at least in one axial direction in the recess, wherein the retaining means is designed as a bayonet catch.

11. The roll stand as claimed in claim 10, which comprises a clamping means which acts on at least one component of the bayonet catch and prevents opening of the bayonet catch.

12. The roll stand as claimed in either of claims 10 or 11, which comprises a ring element (34) connected to an intermediate piece and having a recess which is provided on the

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outer circumference and enables a lug (36) connected to the stand housing (100) to pass through, this lug (36) projecting beyond the outer circumference of the ring element (34) toward the center axis of the ring element (34), and a connection between ring element and intermediate piece having connecting positions arranged axially next to one another and a mounting axially fixing the roll shaft (4) in the bearing bush (38) and allowing rotation of the roll shaft (4) relative to the bearing bush (38).

13. The roll stand as claimed in one of claims 1 to 12, wherein the roll shaft (4) is rotatably mounted in an eccentric sleeve, the eccentric sleeve being rotatably mounted in a recess of the stand housing (100).

14. The roll stand as claimed in one of claims 1 to 13, wherein a stepped seat is provided between an element fixed axially on the roll shaft (4) and an element fixed axially to the stand housing (100).

15. A method of detaching a roll (1) held in a roll stand as claimed in one of claims 1 to 14, which comprises the introduction of a fluid into the frictional connection between roll (1) and roll shaft (4) and the release of the positive-locking fixing by gradual release of an axial fixing of at least of one of the sleeve elements.